

AMENDMENTS TO THE DRAWINGS

The attached sheet(s) of drawings includes changes to Figs 1, 2 and 4.

Attachment: Replacement sheets

REMARKS

The Drawings stand objected to because they do not comply with 37 CFR 1.84 and 1.84(p)(5), because they do not include the following reference signs mentioned in the description: the reference sign 24 is not shown in Fig. 1, the reference sign 60 is not shown in Fig. 4, and the Examiner contends that reference sign 44 labeled for the resistor is mislabeled. Fig. 1 has been amended to include reference sign 24. Reference to element 60 was deleted from the specification in the Amendment filed on May 17, 2006. Reference sign 44 properly refers to the output filter. The drawing objections are thus overcome.

The specification has been objected to because of a minor informality and the appropriate correction has been made thereto.

Claim 7 stands objected to due to informalities noted by the Examiner. Claim 7 has been canceled. However, the subject matter of claim 7 has been incorporated into claims 1 and 3. The Examiner notes that the specification does not support the recitation of "or an electric current." Applicant respectfully disagrees. The specification clearly supports this limitation at pg. 3, lines 8-10.

Claim 7 stands rejected under 35 CFR 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. This rejection is respectfully overcome in view of the foregoing claim amendments.

Claims 1-4, 6 and 8 stand rejected under 35 USC 102(b) as being anticipated by Mabuchi et al. (U.S. Patent No. 4,007,455). Claim 7 stands rejected under 35 USC 103(a) as being unpatentable over Mabuchi et al. as applied to claim 3, in view of Quist et al. (U.S. Patent No. 6,199,018). These rejections are respectfully traversed for the following reasons.

Claims 1 and 3 have been amended to incorporate the limitations of claim 7. The Examiner asserts that although Mabuchi fails to teach or suggest that the receiver circuit comprises a sensor to convert a magnetic flux density or a magnetic field strength to an electrical voltage or an

electrical current, Quist teaches this feature and that it would have been obvious to have modified Mabuchi in view of Quist to determine counter signal various parameters of gear or shaft such as speed, acceleration and/or position of a motor. Applicant respectfully disagrees.

Mabuchi discloses a radio control system of a digital proportional control type, whereas Quist discloses a distributed diagnostic system in which a plurality of local monitoring devices collect local information concerning various machines and process the information. In particular, as stated by the Examiner, according to the transmission/reception circuit in figure 2B (of Quist), microprocessor 28 receives as an input of the output signals from an electromagnetic flux sensor 36 that includes a flux sensing device and a conditioning amplifier. In the context of Quist, the flux sensor is used for determining the rotor speed and a load of a machine 11. For this purpose, the flux sensor 36 should be positioned approximately with respect to the associated machine 11 to detect the magnitude of the flux existing in the stator of the machine 11.

Applicant submits that one of ordinary skill in the art would have no reason to combine the teachings of Mabuchi and Quist to improve a method for protection of contactless signal transmission from a transmitter to a receiver. Quist discloses a flux sensor, but does not give any hint as to how to use this flux sensor in the improved contactless signal transmission method, according to Mabuchi.

For at least these reasons, the pending claims are allowable over the cited art and applicant requests that this rejection be withdrawn.

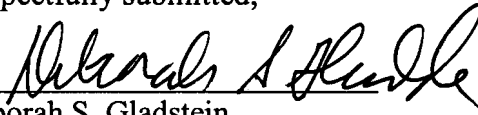
In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue. If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the event the U.S. Patent and Trademark office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and

authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 449122004000.

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Respectfully submitted,

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Attachments